

No. 619,564.

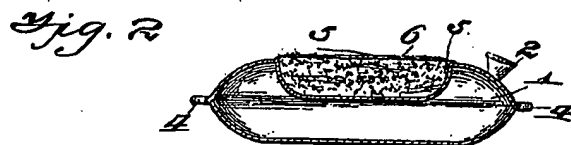
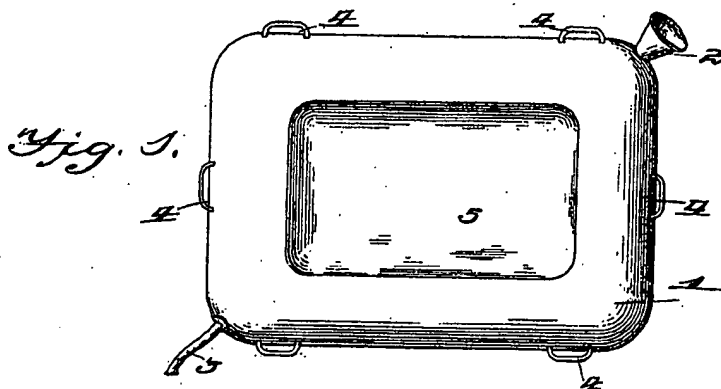
Patented Feb. 14, 1899.

H. E. GRIMBALL.

APPLIANCE FOR KEEPING POULTICES WARM.

(Application filed Sept. 9, 1897. Renewed Jan. 12, 1899.)

(No Model.)



Witnesses  
*C. E. Hunt,*  
*Victor J. Evans*

Inventor  
*Hellen E. Grimball,*  
*By John Wedderburn*  
Attorney

THE NOBIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

# UNITED STATES PATENT OFFICE.

HELEN E. GRIMBALL, OF UNION, SOUTH CAROLINA.

## APPLIANCE FOR KEEPING POULTICES WARM.

SPECIFICATION forming part of Letters Patent No. 619,564, dated February 14, 1899.

Application filed September 9, 1897. Renewed January 12, 1899. Serial No. 702,004. (No model.)

*To all whom it may concern:*

Be it known that I, HELEN E. GRIMBALL, a citizen of the United States, residing at Union, in the county of Union and State of South Carolina, have invented certain new and useful Improvements in Appliances for Keeping Poultices Warm; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to appliances for keeping poultices warm; and the object in view is to provide a heat-maintaining device for poultices in the form of a hot-water bag constructed in such manner as to embrace the poultice upon all sides except that surface which is applied directly to the body of the patient, thereby rendering it unnecessary to renew or reheat poultices as often as has heretofore been found necessary.

The detailed objects and advantages of the invention will appear in the course of the subsequent description.

The invention consists in certain novel features and details of construction, as hereinafter fully described, illustrated in the drawings, and incorporated in the claim hereto appended.

In the accompanying drawings, Figure 1 is a plan view of a water-bag constructed in accordance with the present invention. Fig. 2 is a sectional view of the same, showing the poultice in its applied position.

Similar numerals of reference designate corresponding parts in both views.

The improved device contemplated in this invention is in the form of a water-bag, (shown at 1,) the same being constructed, preferably, of thin rubber and of any suitable size. In order to fill the bag, the latter is provided at one end with a conical rubber mouthpiece 2, and the bag is also provided with a discharge-pipe 3 for enabling the water

to be removed when cool. In order to enable the bag to be secured to the body of the patient, it is provided along its edges with a series of loops 4, adapted to receive straps to pass around the body of the patient.

In carrying out the present invention the bag 1 is provided in one side with a depression, pocket, or recess 5 of suitable size and shape to receive a poultice, (indicated at 6.) When the bag is filled with hot water, it operates upon one side of the poultice and upon all the edges thereof to maintain the contents of the poultice in a properly-heated condition and excludes the air from said portions of the poultice in a manner readily understood.

It will of course be apparent that the bag may be manufactured in various sizes, that the pockets for the poultices may be varied in size and shape according to requirements, and that other changes in the form, proportion, and minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

A flat water-bag having substantially parallel upper and lower sides and provided in one side with a shallow poultice-containing pocket or recess having bottom and side walls, said pocket being of approximately one-half the depth or thickness of the bag when filled, so as to leave a hot-water space extending entirely around the sides of the pocket and beneath the bottom thereof, substantially as specified.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

HELEN E. GRIMBALL.

Witnesses:

A. S. EDNEY,  
A. L. HOLMES.